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Gencore version 5.1.3

XX	CC	from the organism of interest. They can be used in diagnostics,
SQ	CC	forensics; gene mapping; identification of mutations; to assess
Query Match	CC	biodiversity and for nutritional purposes. The present sequence is a
Best Local Similarity	CC	protein of the invention.
Matches 244;	CC	
Conservative 0;	CC	
Mismatches 1;	CC	
Indels 0;	CC	
Gaps 0;	CC	
XX	CC	
SQ	Sequence 245 AA:	
QY	14	MTLEPVVFLVAGLISPFANEDKDPAPTAUPTTQVORETINKHNLRAVSPARNM 73
Db	1	MTLEPVVFLVAGLISPFANEDKDPAPTAUPTTQVORETINKHNLRAVSPARNM 60
QY	74	LKMEWNEKAANQKWAQNCYRHSNPDRMTSLKGGENLYMSAPSSWSAQISWFDEY 133
Db	61	LKMEWNEKAANQKWAQNCYRHSNPDRMTSLKGGENLYMSAPSSWSAQISWFDEY 120
QY	134	NDFDFGVGPKTPNAYGHYTQVWYSSYLVGCGNACPNQVKYVYCOPAGNWAR 193
Db	121	NDFDFGVGPKTPNAYGHYTQVWYSSYLVGCGNACPNQVKYVYCOPAGNWAR 180
QY	194	LVPYEQCAPCASCPCNDGCLCTNGCKYEDLYSNCKSLKLTLTCKHOLVRDSKASCNC 253
Db	181	LVPYEQCAPCASCPCNDGCLCTNGCKYEDLYSNCKSLKLTLTCKHOLVRDSKASCNC 240
QY	254	SNSY 258
Db	241	SNSY 245
RESULT 3		
AXM24000	ID	AXM24000 standard; Protein: 245 AA.
XX	ID	AXM24000 standard; Protein: 245 AA.
AC	AC	AXM24000;
XX	DT	12-OCT-2001 (first entry)
DB	DB	Human EST encoded protein SEQ ID NO: 1525.
XX	KW	Human; sheep; pig; cow; fruit fly; yeast; hamster; macaque; horse;
KW	KW	tomato; monkey; dog; sea urchin; expressed sequence tag; EST;
KW	KW	diagnostics; forensic test; gene mapping; genetic disorder;
KW	KW	biodiversity; gene therapy; nutrition.
OS	OS	Homo sapiens.
XX	PN	WO200154477-A2.
PD	PD	02-AUG-2001.
XX	PP	25-JAN-2001; 2001WO-US02687.
XX	PR	25-JAN-2000; 2000US-0491104.
PR	PR	17-JUL-2000; 2000US-0617746.
PR	PR	03-AUG-2000; 2000US-063151.
PR	PR	15-SEP-2000; 2000US-0663870.
XX	PA	(HYSE-) HYSEQ INC.
XX	PI	Tang YT, Liu C, zhou P, Qian XB, Wang Z, Chen R, Asundi V;
PI	PI	Cao Y, Drmanac RA, Zhang J, Werhman T;
XX	DR	WPI: 2001-476164/51.
DR	DR	DR N-PSDB; ARN98659.
PT	PT	isolated polypeptide for treatment of diseases, diagnostics, raising antibodies and research use -
XX	PS	Claim 20; Page 1051-1052; 1275pp; English.
XX	CC	The present invention provides the protein and coding sequences of novel proteins from a variety of organisms, including human, dog, cat, horse, cow, pig, hamster, monkey, macaque, yeast, bacteria, fruit fly, sea urchin and tomato. These were derived from expressed sequence tags (ESTs),
CC	CC	
XX	CC	
SQ	Sequence 245 AA:	
QY	14	MTLEPVVFLVAGLISPFANEDKDPAPTAUPTTQVORETINKHNLRAVSPARNM 73
Db	1	MTLEPVVFLVAGLISPFANEDKDPAPTAUPTTQVORETINKHNLRAVSPARNM 60
QY	74	LKMEWNEKAANQKWAQNCYRHSNPDRMTSLKGGENLYMSAPSSWSAQISWFDEY 133
Db	61	LKMEWNEKAANQKWAQNCYRHSNPDRMTSLKGGENLYMSAPSSWSAQISWFDEY 120
QY	134	NDFDFGVGPKTPNAYGHYTQVWYSSYLVGCGNACPNQVKYVYCOPAGNWAR 193
Db	121	NDFDFGVGPKTPNAYGHYTQVWYSSYLVGCGNACPNQVKYVYCOPAGNWAR 180
QY	194	LVPYEQCAPCASCPCNDGCLCTNGCKYEDLYSNCKSLKLTLTCKHOLVRDSKASCNC 253
Db	181	LVPYEQCAPCASCPCNDGCLCTNGCKYEDLYSNCKSLKLTLTCKHOLVRDSKASCNC 240
QY	254	SNSY 258
Db	241	SNSY 245
RESULT 3		
AXM24000	ID	AXM24000 standard; Protein: 245 AA.
XX	ID	AXM24000 standard; Protein: 245 AA.
AC	AC	AXM24000;
XX	DT	12-OCT-2001 (first entry)
DB	DB	Human EST encoded protein SEQ ID NO: 1525.
XX	KW	Human; sheep; pig; cow; fruit fly; yeast; hamster; macaque; horse;
KW	KW	tomato; monkey; dog; sea urchin; expressed sequence tag; EST;
KW	KW	diagnostics; forensic test; gene mapping; genetic disorder;
KW	KW	biodiversity; gene therapy; nutrition.
OS	OS	Homo sapiens.
XX	PN	WO200175067-A2.
XX	PP	11-OCT-2001.
XX	PR	30-MAR-2001; 2001WO-US06631.
XX	PR	31-MAR-2000; 2000US-0540217.
PR	PR	23-AUG-2000; 2000US-0649167.
XX	PA	(HYSE-) HYSEQ INC.
XX	PI	Drmanac RT, Liu C, Tang YT;
XX	DR	WPI: 2001-639362/73.
DR	DR	N-PSDB; ARN70843.
PT	PT	New isolated polynucleotide and encoded polypeptides, useful in diagnostics, forensics, gene mapping, identification of mutations responsible for genetic disorders or other traits and to assess biodiversity
XX	PS	Claim 20; SEQ ID No 37015; 103pp; English.
XX	CC	The invention relates to isolated polynucleotide (I) and polymerase chain reaction (PCR) primers, oligomers, and for chromosome
CC	CC	

CC and gene mapping, and in recombinant production of (II). The
 CC polynucleotides are also used in diagnostics as expressed sequence tags
 CC for identifying expressed genes (I) is useful in gene therapy techniques
 CC to restore normal activity of (II) or to treat disease states involving
 CC (II). (II) is useful for generating antibodies against it, detecting or
 CC quantitating a polypeptide in tissue, as molecular weight markers and as
 CC a food supplement. (II) and its binding partners are useful in medical
 CC imaging of sites expressing (II) and (II) are useful for treating
 CC disorders involving aberrant protein expression or biological activity.
 The polypeptide and polynucleotide sequences have applications in
 CC diagnostics, forensics, gene mapping, identification of mutations
 CC responsible for genetic disorders or other traits to assess biodiversity
 CC and to produce other types of data and products dependent on DNA and
 CC amino acid sequences. A6G0010-A6G30377 represent novel human
 XX diagnostic amino acid sequences for this patent did not appear in the Printed
 CC sequence data at http://wipo.int/pub/published_pct_sequences.
 XX

SQ Sequence 257 AA:

Query Match 69 1%; Score 992; DB 22; Length 257;
 Best Local Similarity 72.0%; Pred. No. 8.8e-85; 25; Mismatches 42; Indels 2; Gaps 2;

OY 13 AMTFLPVVLLVAGLUPSPANEDKDAFTALITLTQTOREVNKHNLRRAVSPARM 72
 Db 14 AMALLPV-LFLTVLVLPSRA-BGDPAFTALITLTQTOREVNKHNLRRAVSPARM 71
 OY 73 LKHEWNEKAANAAQKWAQNCNTRHSPKDRMTSLKGELMSSAPSSQATOSWDEI 132
 Db 72 LKHEWSEREVTTNAQRWANKCTLQHSPEDKTRSTRGCGNLMSDPTSSA-TOSWDEI 131
 OY 133 YNDFDFGVGPKTPNAVGHYTQWYKSYLVLGGHAYCNCQNKLYYYCQCPAGNAR 192
 Db 132 LDFTVYGGPKSPNPAVGHYTQWYKSYLVLGGHAYCNCQNKLYYYCQCPAGNAR 191
 OY 193 RLKPYQEGAGASCPCDNCDGICLGTNCCKYEDLYSNCSKLKLTLCKHQLVRDCKASNC 252
 Db 192 RKNTPYQOGTGPCAGCPDDCDKGICLTSQYDLSNCISLNCSKLKLNTAGCEBELLKEKKATCL 251

SQ Sequence 243 AA:

Query Match 68 7%; Score 986; DB 22; Length 243;
 Best Local Similarity 71.4%; Pred. No. 3e-84; 26; Mismatches 42; Indels 2; Gaps 2;

OY 14 MTIFPVVLLVAGLUPSPANEDKDAFTALITLTQTOREVNKHNLRRAVSPARM 73

Db 1 MALLPV-LFLTVLVLPSRA-BGDPAFTALITLTQTOREVNKHNLRRAVSPARM 58

XX

RESULT 5

AAE13072

ID AAE13072 standard; Protein; 243 AA.

XX

AC AAE13072;

XX

DT 28-JAN-2002 (first entry)

XX

DE Homo sapiens (Hs)-TpX protein.

XX

KW Angiogenesis; Ov-ASP; therapy; circulatory disorder; vascular disorder;

KW congenital heart disease; myocardial disease; pericardial disease; wart;

KW cerebrovascular ischemia; veno-occlusive disease; myocardial ischemia;

KW coronary artery disease; diabetic retinopathy; inflammatory disease;

KW wound healing; duodenal ulceration; rheumatoid arthritis; Psoriasis;

KW periodontitis; dermatological; cutaneous malignancy; Kaposi's sarcoma;

KW pyogenic granuloma; cancer; onchocerciasis; River Blindness; neoplasia;

KW vasotropic; cardiotropic; antiparasitic; ophthalmological.

XX

OS Homo sapiens.

XX

FH Key Location/Qualifiers

FT Peptide 1..22

FT Label= Signal-peptide

FT Protein 23..243

FT Label= Mature_Hs-Tpx_protein

XX

PN WO200174385-A1.

XX

PD 11-OCT-2001.

XX

PP 27-MAR-2001; 2001WO-US09798.

XX

PR 03-APR-2000; 2000US-0541759.

XX

PA (NYBL-) NEW YORK BLOOD CENT INC.

PA (UVC-) UNIV CASE WESTERN RESERVE.

PA (UAB-) UAB RES FOUND.

XX

PI Lustigman, S., Pearlman E., Unnasch, TR;

XX

DR WP/I; 2001-662950/76.

XX

PT Inducing angiogenesis in a tissue using the Ov-ASP protein isolated

PT from the nematode Onchocerca volvulus is useful to treat circulatory or

PT vascular disease such as ischemia

XX

PS Disclosure; Fig 1; 37pp; English.

XX The present invention relates to a method for inducing angiogenesis in a
 CC tissue. The method comprising contacting the tissue with Ov-ASP.
 CC ASP molecules are used to treat circulatory or vascular disorders,
 CC particularly ischaemic, congenital heart disease, myocardial disease or
 CC pericardial disease; more particularly cerebrovascular ischaemia, vaso-
 CC occlusive disease or myocardial ischaemia, especially coronary artery
 CC disease. The invention is also used to treat cancer, diabetic
 CC retinopathy and inflammatory disease. Angiogenesis is also central to a
 CC number of pathological processes, including abnormalities of wound
 CC healing in diseases such as diabetes and duodenal ulceration; chronic
 CC inflammatory disorders such as rheumatoid arthritis, psoriasis and
 CC periodontitis; dermatological conditions such as cutaneous malignancy,
 CC Kaposi's sarcoma, pyogenic granulomas and warts. Anti-Ov-ASP factors are
 CC useful to treat onchocerciasis (River Blindness) or benign or malignant
 CC neoplasia. The present sequence is homo sapiens (Hs)-TpX protein.

SQ Sequence 243 AA:

Query Match 68 7%; Score 986; DB 22; Length 243;
 Best Local Similarity 71.4%; Pred. No. 3e-84; 26; Mismatches 42; Indels 2; Gaps 2;

OY 74 LKHEWNEKAANAAQKWAQNCNTRHSPKDRMTSLKGELMSSAPSSQATOSWDEI 133

Db 59 LKHEWSEREVTTNAQRWANKCTLQHSPEDKTRSTRGCGNLMSDPTSSA-TOSWDEI 118

XX

RESULT 6

AAV44013

ID AAV44013 standard; Protein; 138 AA.

XX

AC AAV44013;

XX

DT 21-DEC-1999 (first entry)

XX

KW	Prediction; secondary structure; alignment; evolutionary conservation;	PN	WO20175067-A2.
KW	homology; periodicity; co-variation analysis; antigenic site;	XX	
KW	site directed mutagenesis; interaction.	PD	11-OCT-2001.
XX		XX	
OS	Homo sapiens.	PR	30-MAR-2001; 2001WO-US08631.
XX		PR	31-MAR-2000; 2000US-0540217.
XX		PR	23-AUG-2000; 2000US-0649167.
PN	US5958784-A.	XX	
XX		PA	(HYSE-) HYSEQ INC.
PD	28-SEP-1999.	XX	
XX		PT	Drmanc RT, Liu C, Tang YT;
PF	25-MAR-1992; 92US-0857224.	XX	
XX		DR	N-PSDB; AR570842.
PR	25-MAR-1992; 92US-0857224.	XX	
XX		PT	New isolated Polynucleotide and encoded Polypeptides, useful in
PA	(BENN/) BENNER S A.	PT	diagnostics, forensics, gene mapping, identification of mutations
XX		PT	responsible for genetic disorders or other traits and to assess
PI	Benner SA;	PT	biodiversity -
XX		PR	
DR	WPI; 1999-57076648.	XX	
XX		RS	Claim 20; SEQ ID NO 37014; 103pp; English.
PR	Predicting the folded structure of proteins	XX	The invention relates to isolated polynucleotide (I) and
XX		CC	polypeptide (II) sequences. (I) is useful as hybridisation Probes,
PS	Disclosure; Column 389-390; 11:pp; English.	CC	polymerase chain reaction (PCR) primers, oligomers and for chromosome
XX		CC	and gene mapping, and in recombinant production of (II). The
CC	Sequences AAY43302-Y44015 represent proteins used in a novel method of	CC	polynucleotides are also used in diagnostics as expressed sequence tags
CC	predicting the folded structure of proteins, by aligning sequences of	CC	for identifying expressed genes. (I) is useful in gene therapy technique
CC	homologous proteins and using patterns of evolutionarily conserved and	CC	to restore normal activity of (II) or to treat disease states involving
CC	varied sequences to assign positions. Positions in the alignment are	CC	(II). (II) is useful for generating antibodies against it, detecting or
CC	assigned to the surface or inside of the folded structure, active sites,	CC	quantitating a polypeptide in tissue, as molecular weight markers and as
CC	and parsing segments. Secondary structural units are assigned by	CC	a food supplement. (II) and its binding partners are useful in medical
CC	identifying periodicity in the assignments, and assembled into globular	CC	imaging of sites expressing (III). (I) and (II) are useful for treating
CC	form using distance constraints imposed by disulfide bridges, active	CC	disorders involving aberrant protein expression or biological activity.
CC	site assignments and co-variation analysis. The predicted secondary	CC	The polypeptide and Polynucleotide sequences have applications in
CC	structures are useful for identifying antigenic sites on a protein	CC	diagnostics, forensics, gene mapping, identification of mutations
CC	molecule, as guides for site directed mutagenesis studies, and for	CC	responsible for genetic disorders or other traits to assess biodiversity
CC	understanding the interaction of a protein with other molecules.	CC	and to produce other types of data and products dependent on DNA and
SO	Sequence 138 AA;	CC	amino acid sequences. AIG0010-RBG30377 represent novel human
Query Match	41.4%; Score 595; DB 20; Length 138;	CC	diagnostic amino acid sequences of the invention.
Best Local Similarity	71.7%; Pred. No. 6.7e-40; Mismatches 23; Indels 0; Gaps 0;	CC	The polypeptide and Polynucleotide sequences have applications in
Matches 99;	Conservative 16; Mismatches 23; Indels 0; Gaps 0;	CC	diagnostics, forensics, gene mapping, identification of mutations
OY	74 LKMEWNSREVTTNAQRWANKTLQHSDPEDRITSTRGENDLYMSSSDPTISWMSAISWYD1 60	CC	responsible for genetic disorders or other traits to assess biodiversity
Db	1 LKMEWNSREVTTNAQRWANKTLQHSDPEDRITSTRGENDLYMSSSDPTISWMSAISWYD1 60	CC	and to produce other types of data and products dependent on DNA and
OY	134 NDFFDGPKTPNAVGHFTQWVWYSSVSYLVEGGNACCPNOKVYKYYVQCPCAGNWR 193	CC	amino acid sequences. AIG0010-RBG30377 represent novel human
Db	61 LDFYVGPKSPNAVGHFTQWVYSSVSYLVEGGNACCPNOKVYKYYVQCPCAGNWR 120	CC	diagnostic amino acid sequences of the invention.
OY	194 LIVVYEGAPRASCPCNC 211	CC	The polypeptide and Polynucleotide sequences have applications in
Db	121 KNPVYQQTCPAGCPDC 138	CC	diagnostics, forensics, gene mapping, identification of mutations
RESULT 7	ABQ06555	CC	responsible for genetic disorders or other traits to assess biodiversity
ID	ABG0655 standard; Protein; 168 AA.	CC	and to produce other types of data and products dependent on DNA and
XX		CC	amino acid sequences. AIG0010-RBG30377 represent novel human
AC	ABG0655;	CC	diagnostic amino acid sequences of the invention.
XX		CC	The polypeptide and Polynucleotide sequences have applications in
DT	13-FEB-2002 (first entry)	CC	diagnostics, forensics, gene mapping, identification of mutations
DE	Novel human diagnostic protein #6645.	CC	responsible for genetic disorders or other traits to assess biodiversity
XX		CC	and to produce other types of data and products dependent on DNA and
KW	Human; chromosome mapping; gene mapping; gene therapy; forensic;	QY	133 YNDDEFGPKTPNAVGHFTQWVWYSSVSYLVEGGNACCPNOKVYKYYVQCPCAGNWR 192
KW	food supplement; medical imaging; diagnostic; genetic disorder.	DB	132 LDYVGPKSPN
XX		QY	193 RUVVYEGAPC 204
OS	Homo sapiens.	DB	155 RKNPYQQTCP
XX		SO	166
RESULT 8		RS	
AAV44012		RS	
ID	AAV44012 standard; Protein; 137 AA.	RS	
XX		RS	
AC	AAV44012;	RS	

XX
 XX 21-DEC-1999 (first entry)
 DT
 DE Human testis specific protein #1.
 XX
 KW Prediction; secondary structure; alignment; evolutionary conservation;
 KW homology; periodicity; co-variation analysis; antigenic site;
 KW site directed mutagenesis; interaction.
 XX
 OS Homo sapiens.
 XX US5958784-A.
 PN
 PR 28-SEP-1999.
 XX
 PA (BENN/) BENNER S A.
 XX
 PI Benner SA;
 XX DR WPI: 1999-570766/48.
 XX PR 25-MAR-1992; 92US-0857224.
 XX PA (BENN/) BENNER S A.
 XX
 PS Disclosure; Column 387-388; 113pp; English.
 XX Sequences AAY43902-Y44015 represent proteins used in a novel method of predicting the folded structure of proteins, by aligning sequences of homologous proteins and using patterns of evolutionarily conserved and varied sequences to assign positions. Positions in the alignment are assigned to the surface or inside of the folded structure, active sites, and parsing segments. Secondary structural units are assigned by identifying periodicity in the assignments, and assembled into globular form using distance constraints imposed by disulfide bridges, active site assignments and covariation analysis. The predicted secondary structures are useful for identifying antigenic sites on a protein molecule, as guides for site directed mutagenesis studies, and for understanding the interaction of a protein with other molecules.
 CC Sequence 137 AA:
 CC Query Match 35.3%; Score 507.5; DB 20; Length 137;
 CC Best Local Similarity 61.6%; Prod. No. 1.1e-39; Mismatches 83; Conservative 55; MisMatches 32; Indels 1; Gaps 1;
 CC Matches 83; Length 137;
 CC
 XX SQ
 Query Match 33.8%; Score 485.5; DB 20; Length 137;
 Query Best Local Similarity 60.1%; Prod. No. 1.2e-37; Mismatches 36; Indels 1; Gaps 1;
 Query Matches 83; Conservative 18; MisMatches 36; Indels 1;
 Query 74 LKMEWKKEAAANQKRNQCNRYNSPKDRMTSLKGCGENLIMSSAASSWQAOISWDEY 133
 Db 1 LRVENDHDIAVNAQKRNQCNRYNSPKDRMTSLKGCGENLIMSSAASSWQAOISWDEY 60
 Query 134 NDFDGGVAPKTPNAAVGHYQVWVMSYLVCGGNAACCPNOKVKKYVQCCPAGNWR 193
 Db 61 LDFVFGCQPKPNAVGHYQVWVMSYLVCGGNAACCPNOKVKKYVQCCPAGNWR 193
 Query 194 LYVPEQGAPCASCPC 211
 Db 120 LYSPTCECPDCSPGNC 137
 RESULT 10
 AAY11989 ID AAY11989 standard; Protein: 71 AA.
 XX
 AC AAY11989;
 XX
 DT 18-JUN-1999 (first entry)
 XX
 DE Human 5' EST secreted protein SEQ ID NO: 589.
 XX
 KW Human; secreted protein; EST; expressed sequence tag; diagnosis; forensic; gene therapy; chromosome mapping; signal peptide; prostate; upstream regulatory sequence; cytokine activity; cell proliferation; differentiation; haematoptesis regulation; tissue growth regulation; reproductive hormone regulation; chemotactic; chemokinetic; haemostatic; thrombolytic; anti-inflammatory; tumour inhibition.
 KW Homo sapiens.
 KW homology; periodicity; co-variation analysis; antigenic site; homology; periodicity; co-variation analysis; evolutionary conservation;

PN	W09906550-A2.	FT	Protein	/label= "Signal_peptide"
XX		FT		17..255 /note= "Mouse mature RTVP protein"
PD	11-FEB-1999.	FT	Modified-site	/note= "N-glycosylation site"
XX		FT		90..92 /note= "N-glycosylation site"
PF	31-JUL-1998; 98WO-IB01232.	FT	Domain	135..144 /note= "Extracellular protein signature motif 1"
XX		FT		160..170 /note= "Extracellular protein signature motif 2"
PR	01-AUG-1997; 97US-0905144.	FT	Domain	135..144 /note= "Encoded by TG"
XX		FT		Misc-difference 210 /note= "Encoded by GCAT"
PA	(GEST) GENSET.	FT	Domain	222..244 /note= "Transmembrane domain"
XX		FT		/note= "Transmembrane domain"
PI	Ducleart A, Dumas Milne Edwards J, Lacroix B;	PT		
XX		PT		
DR	WPI; 1999153780/13.	PT		
DR	N-PSDB# AXA40711.	PT		
XX		PS	Claim 34; Page 672; 675pp; English.	
PT	New isolated prostate-derived nucleic acids - used to develop products which may have cytokine, immune regulatory, haemopoiesis regulating, anti-inflammatory or tumour inhibition activity	PS		
PT		CC	AXA40438 to AXA40715 represent 5' expressed sequence tags (ESTs) for human secreted proteins expressed in prostate, and encode the proteins given in AXA1116 to AXA1193 respectively. The proteins given represent the signal peptide and an N-terminal fragment of a secreted protein. The nucleic acid sequences can be used for producing secreted human gene products. They can also be used to develop products for diagnosis and therapy. The proteins obtained may have cytokine activity, cell proliferation and differentiation activity, haemopoiesis regulating activity, tissue growth regulating activity, reproductive hormone regulating activity, chemotactic/chemokinetic activity, haemostatic and thrombolytic activity, receptor/ligand activity, anti-inflammatory activity, tumour inhibition activity or other activities. The products can be used in forensic, gene therapy and chromosome mapping procedures. The sequences can also be used for obtaining corresponding promoter sequences. The nucleic acids encoding the signal peptides can be used for directing extracellular secretion of a polypeptide or the insertion of a polypeptide into a membrane, or importing a polypeptide into a cell.	
XX		CC		
SQ	Sequence 71 AA:	CC		
Query Match	24.7%; Score 354; DB 20; Length 71;	CC		
Best Local Similarity	98.6%; Pred. No. 1..1e-25;	CC		
Matches	70; Conservative 1; Mismatches 0; Indels 0; Gaps 0;	CC		
Oy	1 MKQILHPAELATMFLPVLLEVALGLPSPPANEDKPAFTALLTQTOVQRIVNKH 60	CC		
Db	1 MKQILHPAELATMFLPVLLEVALGLPSPPANEDKPAFTALLTQTOVQRIVNKH 60	CC		
Oy	61 ELRRAVPPAR 71	CC		
Db	61 ELRRAVPPAK 71	CC		
SQ	Sequence 255 AA:	CC		
Query Match	24.0%; Score 344; DB 23; Length 235;	CC		
Best Local Similarity	33.6%; Pred. No. 5..3e-24;	CC		
Matches	88; Conservative 37; Mismatches 81; Indels 56; Gaps 12;	CC		
ID	AEE18962 standard; Protein: 255 AA.	CC		
XX		CC		
AC	AEE18962;	CC		
XX		CC		
DT	21-MAY-2002 (first entry)	CC		
XX		CC		
DE	Mouse testes-specific, vespid and pathogenic protein (RTVP).	CC		
XX		CC		
KW	Mouse; testes-specific, vespid and pathogenic protein; RTVP; therapy; anti-neoplastic; prostatic neoplasia; prostatic carcinoma; cytokine; metastatic disease; neoplastic disease; immune system; growth factor; cytotoxic.	CC		
KW		CC		
OS	Mus sp.	CC		
XX		CC		
Key	Location/Qualifiers	CC		
PT	1.16	CC		
FH		CC		
Peptide		CC		
Oy	226 YSNCKSLK-----TLTKHQ 241	CC		
Oy	226 YSNCKSLK-----TLTKHQ 241	CC		

Db	225 FLIAKSVLSSVITWVHK 247	CC	proliferative disorder such as actinic keratosis, arteriosclerosis,
		CC	atherosclerosis, bursitis, cirrhosis, hepatitis, mixed connective
		CC	tissue disease (MCND), myelofibrosis, paroxysmal nocturnal
		CC	haemoglobinuria, cancers of the adrenal gland, bladder, bone,
		CC	bone marrow, brain, breast, cervix, and an autoimmune/inflammatory
		CC	disease, adult respiratory distress syndrome, allergies, ankylosing
		CC	spondylitis, amyloidosis, anaemia, Werner syndrome, complications of cancer, hemodialysis, and extracorporeal circulation,
		CC	viral, bacterial, fungal, parasitic, protozoal, and helminthic
		CC	infections, and trauma. This protein was designated 9847722.
SQ	Sequence 219 AA;	Sequence 219 AA;	
		Query Match 22.5%; Score 322.5; DB 21; Length 219;	
		Best Local Similarity 36.5%; Pred. No. 4.5e-22;	
		Matches 77; Conservatives 30; Mismatches 63; Indels 41; Gaps 11;	
QY	25 AGILPSPPANEDKOPAFTALLTQTOVOREIVKHNLLRAVSPPARNLKHEWNKEAA 84	QY	85 NAQKWANQMYRHS--NPKDRM---TSIKCENLYMSSP-SWSQAIQSNFDEYNDP 136
Db	12 ANILPO-EED-----FIKVCRVHFRKFSPVKPASDMLVYMDALQ 56	Db	57 TAKAWNSQFSHTRKPPPHLHNFTSL--GENITWGSTPISPVSSATIHYDLO 114
QY	137 DEGVGKPTPAVVGHTYQVWVSSILVGGCNAYCPNOKVLMY-----YYVCQYPAGN 189	QY	115 NFKTK--RICKVKGHTYQVWVARDSTKVGCWQVCP--KVSCFDALSNGAHTICNYGPGGN 170
Db	190 WANRLVYPFEQAPCASCPCDN--CDGGCTN 218	QY	171 YPT--WPYKRGATCSACPNNDKCLDNLCVN 198
RESULT 13			
ID	AAB43408	DE	Human cancer associated protein sequence SEQ ID NO:853.
XX	AAB43408 standard; Protein; 302 AA.	DE	Human: cancer associated gene; cancer antigen; detection; cancer;
AC	AAB43408;	DE	KW diagnosis; cytostatic; proliferative; vulnerary; immunomodulator;
XX	DT 08-FEB-2001 (first entry)	DE	KW antidiabetic; antilasthmatic; antiarthritic; antiviral;
PA	(INCY-) INCYTE PHARM INC.	DE	KW antiinflammatory; antithyroid; antiallergic; antibacterial; cardiot;
XX	Tang YT, Yue H, Baughn MR, Hillman JL, Lal P, Au-Young J, Yang J;	DE	KW dermatological; neuroprotective; coagulant; nootropic;
PI	Lu DAM, Azimzai Y;	DE	KW vasoconstrictor; antiangiogenic; gene therapy; inflammation;
XX	DR 2000-42342/3/36.	DE	KW immune disorder; haemopoietic cell disorder; autoimmune disorder;
XX	New human neuron-associated proteins and polynucleotides encoding them, useful for diagnosis, treatment and prevention of cell proliferative disorders including cancer, neuronal and neurological disorders	DE	KW allergic reaction; graft versus host disease; organ rejection;
PS	Disclosure: Page 144-145; 145pp; English.	DE	KW haemostatic; thrombolytic; cardiovascular disorder; infection;
XX	Human neuron-associated protein (NEUAP) can be used for for treating or preventing a disorder associated with decreased expression or activity of NEUAP. Antagonists of NEUAP are useful for treating or preventing disorder associated with increased expression or activity of NEUAP. NEUAP or their fragments or derivatives are useful for treating neurological disorder such as epilepsy, ischemic stroke, cerebral neoplasms, Alzheimer's disease, Pick's disease, Huntington's disease, and Parkinson's disease. NEUAPs are also useful for treating other demyelinating diseases, bacterial and viral meningitis, prion diseases including kuru, Creutzfeldt-Jakob disease, nutritional and metabolic diseases of the nervous system, neurofibromatosis, other developmental disorders of the central nervous system, cerebral palsy, neuromuskeletal disorders, autonomic nervous system disorders, cranial nerve disorders, spinal cord diseases, muscular dystrophy and other neuromuscular disorders, peripheral nervous system disorders, inherited, metabolic, endocrine, and toxic myopathies, mental disorders including mood, anxiety and schizoaffective disorders, a cell	DE	KW neurological disease; drug screening;
CC		OS Homo sapiens.	
CC		OS WO20055350-A1.	
CC		PN 21-SEP-2000.	
CC		PN 08-MAR-2000; 2000048-US05882.	
CC		PR 12-MAR-1999; 9905-0124270.	
CC		XX (HUMA-) HUMAN GENOME SCI INC.	
CC		PA Rosen CA, Ruben SM;	
CC		XX WPI; 2000-58753/55.	
CC		DR N-PSDB; AAC/77617.	

